L Number	Hits	Search Text	DB	Time stamp
1	5834	((atomic or cesium or rubidium or hydrogen or locked) near (clock or	USPAT; US-PGPUB;	2004/09/27 10:13
		oscillator))	EPO; JPO;	10.13
2	23	(((atomic or cesium or rubidium or	DERWENT USPAT;	2004/09/27
		hydrogen or locked) near (clock or oscillator))) and (downhole or borehole	US-PGPUB; EPO; JPO;	10:02
		or wellbore or "oil well" or "gas well" or "production well")	DERWENT	
3	0	6614718.URPN.	USPAT	2004/09/27
4	4	("4305041" "5555220" "5962819"	USPAT	10:12 2004/09/27
5	1291	"6023444").PN. ((73/152.43,152.46,152.47,152.48) or	USPAT;	10:12 2004/09/27
		(73/152.49,152.02) or (367/38,40,50,81,86)).CCLS.	US-PGPUB; EPO; JPO;	10:13
	1	(((73/152.43,152.46,152.47,152.48) or	DERWENT USPAT;	2004/09/27
6	1	(73/152.49.152.02) or	US-PGPUB;	10:15
		(367/38,40,50,81,86)).CCLS.) and ((atomic or cesium or rubidium or hydrogen or	EPO; JPO; DERWENT	
7	72	locked) near (clock or oscillator)) (175/1).CCLS.	USPAT:	2004/09/27
,		(2, 3, 2, 100201	US-PGPUB; EPO; JPO;	10:21
		((475 (42) 494 2)) (744 2) (475 (42) 2)	DERWENT	2004/00/27
8	3	((175/1).CCLS.) and (clock or oscillator)	USPAT; US-PGPUB;	2004/09/27 10:21
			EPO; JPO; DERWENT	
-	16	(("5555220") or ("5585556") or ("5657340") or ("6341498") or ("6426679")	USPAT; US-PGPUB;	2004/08/17 14:21
		or ("20030085039") or ("20030185099") or	EPO; JPO;	
_	0	("6672093")).PN. "atomic clock" with (borehole or wellbore	DERWENT USPAT;	2004/08/18
		or downhole or downbore or "oil well" or "gas well" or formation)	US-PGPUB; EPO; JPO;	06:49
\ <u>_</u>	0	("atomic clock") with (borehole or	DERWENT USPAT;	2004/08/17
		wellbore or downhole or downbore or "oil well" or "gas well" or formation)	US-PGPUB; EPO; JPO;	14:23
			DERWENT	2004/09/17
-	1342	"atomic clock"	USPAT; US-PGPUB;	2004/08/17 14:23
			EPO; JPO; DERWENT	
-	116	("atomic clock" or (atomic near2 clock)) and (borehole or wellbore or downhole or	USPAT; US-PGPUB;	2004/08/17 14:24
		downbore or "oil well" or "gas well" or formation)	EPO; JPO; DERWENT	
-	1393	"atomic clock" or (atomic near2 clock)	USPAT;	2004/08/18
			US-PGPUB; EPO; JPO;	06:44
	303	("atomic clock" or (atomic near2 clock))	DERWENT USPAT;	2004/08/18
		and (drilling or surve\$4)	US-PGPUB; EPO; JPO;	06:44
	10	("atomic clock" or (atomic near2 clock))	DERWENT USPAT;	2004/08/18
-	10	and (drilling)	US-PGPUB;	06:48
			EPO; JPO; DERWENT	2004/00/55
-	0	6614718.URPN.	USPAT	2004/08/18 06:46
-	4	("4305041" "5555220" "5962819" "6023444").PN.	USPAT	2004/08/18 06:46
-	599		USPAT; US-PGPUB;	2004/08/18 08:02
			EPO; JPO;	
_	48		DERWENT USPAT;	2004/08/18
		clock) and (borehole or wellbore or downhole or downbore or "oil well" or	US-PGPUB; EPO; JPO;	08:03
1		"gas well" or formation)	DERWENT	

| "gas well" or formation)
Search History 9/27/04 10:23:13 AM Page 1

_	2	6024344.URPN.	USPAT	2004/08/18
_	3	("5189642" "5623455" "5724241").PN.	USPAT	06:52 2004/08/18
_	5	("4010619" "4870625" "5442590"	USPAT	06:52 2004/08/18
	1285	"5747754" "5995882").PN. ((73/152.43,152.46,152.47,152.48) or (73/152.49,152.02) or (367/38,40,50,81,86)).CCLS.	USPAT; US-PGPUB; EPO; JPO;	06:55 2004/09/27 10:13
-	1687	((73/152.43,152.46,152.47,152.48) or (73/152.49,152.02) or (367/38,40,50,81,86) or	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/08/18 07:50
-	1	(181/108,113,122)).CCLS. (((73/152.43,152.46,152.47,152.48) or (73/152.49,152.02) or (367/38,40,50,81,86) or (181/108,113,122)).CCLS.) and ((atomic or rubidium or cesium or hydrogen) with	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/18 07:51
-	0	clock) (((73/152.43,152.46,152.47,152.48) or (73/152.49,152.02) or (367/38,40,50,81,86) or (181/108,113,122)).CCLS.) and ((rubidium	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/18 07:52
-	0	(73/152.49,152.02) or (367/38,40,50,81,86) or (181/108,113,122)).CCLS.) and	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/18 07:52
-	801	((radiation) with clock) (rubidium or cesium or hydrogen) with oscillator	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/18 08:36
-	68	((rubidium or cesium or hydrogen) with oscillator) and (borehole or wellbore or downhole or downbore or "oil well" or "gas well" or formation)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/18 08:04
-	11	((rubidium or cesium or hydrogen) with oscillator) and (borehole or wellbore or downhole or downbore or "oil well" or "gas well")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/18 08:06
-	410		USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/18 08:35
- -	11	(((rubidium or cesium or hydrogen) with oscillator) and (borehole or wellbore or downhole or downbore or "oil well" or "gas well")) and (borehole or wellbore or downhole or downbore or "oil well" or "gas well")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/18 08:06
-	2		USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/18 08:13
-	250	(caesium) with oscillator	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/18 08:35
-	2	((caesium) with oscillator) and (borehole or wellbore or downhole or downbore or "oil well" or "gas well")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/18 08:13
-	0	(((73/152.43,152.46,152.47,152.48) or (73/152.49,152.02) or (367/38,40,50,81,86) or (181/108,113,122)).CCLS.) and ((caesium) with oscillator)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/18 08:35
-	o		USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/18 08:35

-	0	(((73/152.43,152.46,152.47,152.48) or	USPAT;	2004/08/18
		(73/152.49,152.02) or	US-PGPUB;	08:54
		(367/38,40,50,81,86) or	EPO; JPO;	
		(181/108,113,122)).CCLS.) and ((rubidium	DERWENT	
		or cesium or hydrogen) with oscillator)		
-	11371	frequency with locked with oscillator	USPAT:	2004/08/18
			US-PGPUB:	08:55
			EPO; JPO;	
	:		DERWENT	
_	206	frequency near locked near oscillator	USPAT:	2004/08/18
		,	US-PGPUB:	08:55
	1		EPO; JPO;	
			DERWENT	
_	0	(((73/152.43,152.46,152.47,152.48) or	USPAT:	2004/08/18
		(73/152.49,152.02) or	US-PGPUB;	08:55
		(367/38,40,50,81,86) or	EPO; JPO;	******
		(181/108,113,122)).CCLS.) and (frequency	DERWENT	
		near locked near oscillator)		
l -	3	(((73/152.43,152.46,152.47,152.48) or	USPAT;	2004/08/18
		(73/152.49.152.02) or	US-PGPUB:	08:56
		(367/38,40,50,81,86) or	EPO; JPO;	55755
	1	(181/108,113,122)).CCLS.) and (frequency	DERWENT	
		with locked with oscillator)		
_	48	"frequency locked oscillator"	USPAT;	2004/08/18
		· · · · · · · · · · · · · · · · · · ·	US-PGPUB:	08:57
1	1		EPO; JPO;	
1			DERWENT	
l -	1895	"locked oscillator"	USPAT;	2004/08/18
			US-PGPUB;	08:57
			EPO; JPO;	
			DERWENT	
-	0	(((73/152.43,152.46,152.47,152.48) or	USPAT;	2004/08/18
		(73/152.49,152.02) or	US-PGPUB;	09:17
		(367/38,40,50,81,86) or	EPO: JPO:	****
		(181/108,113,122)).CCLS.) and "locked	DERWENT	
		oscillator"		